

REISSUE APPLICATION DECLARATION BY THE ASSIGNEEDocket Number (optional)
0315-000452/REA

I hereby declare that:

My residence and post office address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Copeland Corporationand the title of my position with said assignee is: Vice President, Research

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

Roy J. Doepker et al.

Patent Number

6,213,731

Date of Patent Issued

April 10, 2001

Title of Invention

Compressor Pulse Width Modulation

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled Compressor Pulse Width Modulation.

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____

(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)


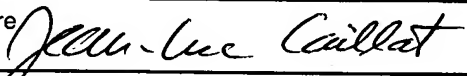
☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described as follows: Patentee did not claim the subject matter of col. 3, line 65 - col. 4, line 44; col. 5, line 27 - col. 6, line 35; and col. 7, line 15 - col. 8, line 3, of which they were entitled.

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE)		Docket Number (Optional) 0315-000452/REA	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.			
Name(s)		Registration Number	
Charles H. Blair		19,734	
Michael Malinzak		43,770	
Correspondence Address: Direct all communications about the application to:			
<input checked="" type="checkbox"/> Customer Number		<div>27572</div> → 	
OR		Type Customer Number Here	
<input type="checkbox"/> Firm or Individual Name			
Address			
Address			
City	State	Zip	
Country			
Telephone	Fax		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name) Jean-Luc Caillat			
Signature 		Date <i>September 15, 2003</i>	
Address of Assignee 1675 West Campbell Road, Sidney, Ohio 45365			
Patentee Roy J. Doecker		Citizenship US	
Residence/Post Office Address 2042 Sandy Lane, Lima, Ohio 45806			
Patentee Mark Bass		Citizenship US	
Residence/Post Office Address			
<input checked="" type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.			

ADDITIONAL PATENTEES

James F. Fogt

3345 Millcreek Rd, Sidney, Ohio 45365

US

Jeffrey A. Huddleston

10940 Schenk Road, Sidney, Ohio 45365

US

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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) 0315-000452/REA
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Roy J. Doepker et al.		
Patent Number 6,231,731	Date Patent Issued April 10, 2001	
Title of Invention Compressor Pulse Width Modulation		
<p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee owning an undivided interest in said original patent is/are <u>Copeland Corporation</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Copeland Corporation		
Signature 	Date <u>September 15, 2003</u>	
Typed or printed name and title of person signing for assignee (if assigned) Jean-Luc Caillat, Vice President, Research		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Roy J. Doecker et al.Application No./Patent No.: 6,213,731Filed/Issue Date: April 10, 2001Entitled: Compressor Pulse Width ModulationCopeland Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010428, Frame 0827, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

September 15, 2003
Date

Jean-Luc Caillat
Signature

Jean-Luc Caillat

Typed or printed name

Vice President, Research

Title

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: not yet assigned
Filing Date: not yet assigned
Applicant: Roy J. Doecker et al.
Group Art Unit: not yet assigned
Examiner: not yet assigned
Title: Compressor Pulse Width Modulation
Attorney Docket: 0315-000452/REA

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT OF STATUS/SUPPORT FOR
ALL CHANGES TO THE CLAIMS IN STATE**
(37 CFR 1.173(c))

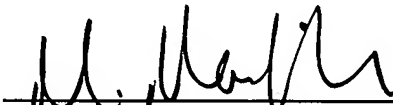
Sir:

A Preliminary Amendment is enclosed herewith in which claim 1 has been amended and claim 49 has been added. The status of these claims is pending as of the date of the amendment. Patent claims 2-48 are also pending. Support in the disclosure of the patent for the additional subject matter of claim 1 can be found in the patent in col. 3, line 65 - col. 4, line 44; col. 5, line 27 - col. 6, line 35; and col. 7, line 15 - col. 8, line 3.

Respectfully submitted,

Dated: Sept. 29, 2003

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600
MM:ca

By: 
Michael Malinzak, Reg. No. 43,770

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,213,731 B1
DATED : April 10, 2001
INVENTOR(S) : Roy J. Doepker et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2,

Line 43, after "**refrigeration**" insert -- **compressor** --.

Column 5,

Line 57, "**tubes**" should be -- **tube** --.

Column 7,

Line 60, "**tubes**" should be -- **tube** --.

Signed and Sealed this

Second Day of April, 2002

Attest:

A handwritten signature in black ink, appearing to read 'James E. Rogan', with a horizontal line drawn underneath it.

Attesting Officer

JAMES E. ROGAN
Director of the United States Patent and Trademark Office